

(19) JAPANESE PATENT OFFICE JP

(11) Publication number: 10316521

(44) Date of publication of specification: 19981202

(21) Application number: 09130791

(71) Applicant:

(22) Date of filing: 19970521

MITSUBISHI CHEM CORP

(51) Int. Cl A61K 6 /10

(72) Inventor:

ALGINATE IMPRESSION MATERIAL

ODA MICHIKO

CHIHARA SHOICHI

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain an impression material, having a proper strain due to weighting and hardly flowing by its own weight by using an alginate composed of a specific alginic acid, a gelation reactional agent, a gelation regulator and a specific filler.

SOLUTION: This alginate impression material is obtained by using an alginate containing a mixture of alginic acid containing mannuronic acid and guluronic acid constituting the alginic acid at 1.3-1.6 ratio with the alginic acid at 0.4-0.7 ratio thereof [preferably (10:90) to (90:10) mixing ratio] as the alginate, diatomaceous earth containing a rodlike shape as a part of a filler and including a gelation reactional agent and a gelation regulator as principal components. The diatomaceous earth in the rodlike shape has usually 3-20 ratio of the length to the width and the ratio of the rodlike shape to the other shapes in the diatomaceous earth is preferably (10:90) to (90:10).

COPYRIGHT: (C)1998.JPO